

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Attorney Docket No.:  
**3505-1018**Application No.:  
**NEW NATIONAL PHASE**Applicant:  
**Mika KORKEAMAKI et al.**Filing Date:  
**February 7, 2005**Group Art Unit:  
**1657****U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
/APW/	5,760,900	6/2/1998	ITO et al.			
/APW/	6,225,046	5/1/2001	VESEY et al.			
/APW/	4,573,796	3/4/1986	MARTIN et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/APW/	Applied and Environmental Microbiology, Volume 61, No 5, May 1995, Gunter Wallner et al, 'Flow Cytometric Analysis of Activated Sludge with rRNA-Targeted Probes', page 1859 - page 1866, abstract, see Materials and Methods
/APW/	FEMS Microbiology Ecology, Volume 43, 2003, Lionel Rigottier-Gois et al., 'Fluorescent hybridisation combined with flow cytometry and hybridisation of total RNA to analyse the composition of microbial communities in human faeces using 16S rRNA probes', page 237 - page 245, abstract, see section 2.5 and 4
/APW/	Applied and Environmental Microbiology, Volume 68, No 9, 2002, Erwin G. Zoetendal et al, "Quantification of Uncultured Ruminococcus obeum-Like Bacteria in Human Fecal Samples by Fluorescent In Situ Hybridization and Flow Cytometry Using 16S rRNA-Targeted Probes", page 4225 - page 4232, see pages 4226, column 1; page 4227, column 2, line 46 - page 4228, column 1, line 3, figure 3
/APW/	BIOSIS, accession no. PREV200200616964, Langwothy D E et al: 'Flow cytometric methods for the study of bacteria and protozoan parasites in environmental matrices', Abstracts of the General Meeting of the American Society for Microbiology, (2002), Vol. 102, page 386
/APW/	Analysis of bacterial function by multi-colour fluorescence flow cytometry and single cell sorting, NEBE-VON-CARON et al., 2000:660935 CAPLUS, 97-114
/APW/	MOLECULAR CHARACTERIZATION OF BACTERIAL COMMUNITIES IN THE HUMAN GASTROINTESTINAL TRACT, E.g. ZOETENDAL, 13 November, 2001, Wageningen University dissertation no. 3078
/APW/	APPLICATION OF FLOW CYTOMETRY FOR ECOLOGICAL MONITORING OF THE RUMEN MICROBIAL ECOSYSTEM, Lipoglavsek et al., Folia Microbiol 46 (1), 53-55 (2001)

EXAMINER: /Amanda P Wood/

DATE CONSIDERED 12/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

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Attorney Docket No.:  
**3505-1018**Application No.:  
**10/523,935**Applicant:  
**Mika KORKEAMAKI et al.**Filing Date:  
**February 7, 2005**Group Art Unit:  
**Unknown 1657**

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
/APW/	2002/0076743	06-20-2002	Sakai et al.			
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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
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/APW/	DE 199 45 553	03/2001	Germany			abst.	
/APW/	EP 0 337 189	10/1989	Europe			abst.	

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/APW/	Moore, W. et al., "Human Fecal Flora: The Normal Flora of 20 Japanese-Hawaiians", <u>Applied Microbiology</u> , May 1974, Vol. 27, No. 5, pp. 961-979.
/APW/	Harmsen, H. et al., "Extensive Set of 16S rRNA-Based Probes for Detection of Bacteria in Human Feces", <u>Applied and Environmental Microbiology</u> , June 2002, Vol. 68, No. 6, pp. 2982-2990
/APW/	Amann, R. et al., "Phylogenetic Identification and In Situ Detection of Individual Microbial Cells without Cultivation", <u>Microbiological Reviews</u> , Vol. 59, No. 1, Mar. 1995, p. 143-169.
/APW/	Lerner, B. et al., "Automatic Signal Classification in Fluorescence In Situ Hybridization Images", <u>Cytometry</u> , 43: pp. 87-93 (2001).
/APW/	Davey, H. et al., "Flow Cytometry and Cell Sorting of Heterogeneous Microbial Populations: the Importance of Single-Cell Analyses", <u>Microbiological Reviews</u> , Vol. 60, No. 4, Dec. 1996, p. 641-595.
/APW/	Shapiro, H. M., "Multiparameter Flow Cytometry of Bacteria: Implications for Diagnostics and Therapeutics", <u>Cytometry</u> 43: pp. 223-226 (2001).
/APW/	Chitarra, L. et al., "Detection of the Plant Pathogenic Bacterium <i>Xanthomonas campestris</i> pv. <i>campestris</i> in Seed Extracts of <i>Brassica</i> sp. Applying Fluorescent Antibodies and Flow Cytometry", <u>Cytometry</u> 47: pp. 118-126 (2002).

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						Yes	No
/APW/	EP 0 347 039	12/1989	Europe				

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/APW/	Zhang, X., "What determines arthritogenicity of a bacterial cell wall? An Experimental study on the Etiopathogenesis of rheumatoid arthritis using bacteria from normal human intestinal flora", Sarja-Ser. D OSA-Tom. 461 Medica-Odontologica. Turku 2001.
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/APW/	Peltonen, Reijo "Studies on Faecal Microecology with reference to Diet, Medication and Rheumatoid Arthritis", Sarja-Ser. D. Medica-Odontologica, Turun Yliopisto, Turku 1994.
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/APW/	Langendijk, et al., "Quantitative Fluorescence in Situ Hybridization of Bifidobacterium spp. With Genus-Specific 16S rRNA-Targeted Probes and Its application in Fecal Samples", <u>Applied and Environmental Microbiology</u> , Aug. 1995, Vol. 61, No. 8, pp. 3069-3075.

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